



IPW

Attorney Docket No: 042390.P14575

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
Tae-Woong Koo, et al. )

Examiner: Unknown

Application No.: 10/688,680 )

Art Unit: 1743

Filing Date: October 17, 2003 )

For: Method and Device for Detecting a Small Number )  
of Molecules Using Surface-Enhanced Coherent )  
Anti-Strokes Raman Spectroscopy )

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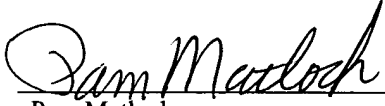
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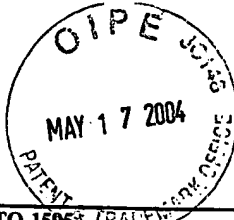
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Date: April 21, 2004

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Tae-Woong T. Koo  
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Execution Date: October 14, 2003

2. Name and address of receiving party(ies)

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4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the new application is:

A. Patent Application No.(s):  
10/688,680

B. Patent No.(s):

Additional numbers attached?

☐

Yes

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No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Michael R. Hull  
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6. Total number of applications and patents involved:

1

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Dated: March 30, 2004

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(Michael R. Hull)

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30320/14575

## ASSIGNMENT

Serial No: 10/688,680  
Filed: 10/17/2003

Title: A METHOD AND DEVICE FOR DETECTING A SMALL NUMBER OF MOLECULES USING  
SURFACE-ENHANCED COHERENT ANTI-STOKES RAMAN SPECTROSCOPY

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assign to Intel Corporation, a Delaware corporation, 2200 Mission College Blvd., Santa Clara, California 95052, (hereinafter "assignee"), its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, executed by the undersigned on September 30, 2003, and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension thereof.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the execution date and/or filing date and serial number of said application when officially known.

The undersigned warrant themselves to be the owners of the interest herein assigned and to have the right to make this assignment and further warrant that there are no outstanding prior assignments, licenses, or other rights in the interest herein assigned.

For said consideration the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation, continuation-in-part and substitute applications for said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns, may deem necessary or expedient, and for said consideration the undersigned further agree upon the request of said assignee, its successors or assigns, in the event of any application or Letters Patent assigned herein becoming involved in Interference, to cooperate to the best of the ability of the undersigned with said assignee, its successors or assigns, in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned hereby

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